

ABSTRACT

An object of the present invention is to design miniaturization of a muffler as performance of the muffler is maintained and to exhibit appropriate gas-exhausting characteristics in accordance with traveling condition of a vehicle. The present invention is to provide a muffler for a motor vehicle provided on an exhaust passage of an engine installed on the vehicle, comprising a casing main body which is located most outside; an exhaust gas introducing pipe constituting an end portion of the exhaust gas passage, including an extending portion extending into said casing main body and having a plurality of small holes in said extending portion; a finisher located on an extending line of said exhaust gas introducing pipe and including an inner portion positioned inside said casing main body and an extending portion extending from said casing main body; a silencer mechanism including expansion spaces and a constriction mechanism, wherein said expansion spaces are defined by pipe members arranged at specific intervals outside of a radial direction of said extending portion of said exhaust gas introducing pipe and said inner portion of said finisher; and a valve mechanism provided on an end portion of said exhaust gas introducing pipe and communicating between said exhaust gas introducing pipe and said finisher when pressure of the exhaust gas in said exhaust gas introducing pipe exceeds a specific value.